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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/642,728	08/19/2003	Jui-Hsiang Wang	MR957-1377	3786

4586 7590 08/23/2005

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3458 ELLICOTT CENTER DRIVE-SUITE 101
ELLICOTT CITY, MD 21043

EXAMINER

MACKEY, JAMES P

ART UNIT	PAPER NUMBER
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1722

DATE MAILED: 08/23/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/642,728

Applicant(s)

WANG, JUI-HSIANG

Examiner

James Mackey

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 August 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

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1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claim 1 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 1, lines 7-8, "the stationary one" should be --the stationary wall-- for clarity; line 10, the sub-paragraph ending with the phrase "with;" is unclear and apparently incomplete; line 12, "thereof" should be changed to --of the oil cylinders-- for clarity; and line 14, "to replace guiding rods for the movable wall" is indefinite, since no replacing means are recited in the claim, and since the phrase recites unclaimed elements ("guiding rods") which are not a part of the claimed apparatus, thus rendering the phrase of indefinite scope.

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claim 1 is rejected under 35 U.S.C. 102(b) as being clearly anticipated by Rosander (U.S. Patent 3,940,930; Figure 1).

Rosander teaches an injection molding machine comprising a stationary platen 10 including oil cylinders having tube portions secured to a first side thereof, a movable platen 18 having output rods 20, 21 of the oil cylinders connected thereto, the output rods passing through the second side of the stationary platen and secured to pistons 22, 24 at a first side of the piston, and further including subsidiary projecting rods connected to the second sides of the pistons and

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passing through end caps of the tube portions of the oil cylinders, wherein the output rods have substantially the same diameter as the subsidiary projecting rods.

5. Claim 1 is rejected under 35 U.S.C. 102(b) as being clearly anticipated by Hehl (U.S. Patent 3,596,325).

Hehl '325 teaches an injection molding machine comprising a stationary platen 34 including oil cylinders having tube portions 16 secured to a first side thereof, a movable platen 33 having output rods 29 of the oil cylinders connected thereto, the output rods passing through the second side of the stationary platen and secured to pistons 26 at a first side of the piston, and further including subsidiary projecting rods 29' connected to the second sides of the pistons and passing through end caps 22 of the tube portions of the oil cylinders, wherein the output rods have substantially the same diameter as the subsidiary projecting rods (see Figure 7).

6. Claim 1 is rejected under 35 U.S.C. 102(b) as being clearly anticipated by Hehl (U.S. Patent 3,663,140; Figures 2 and 17).

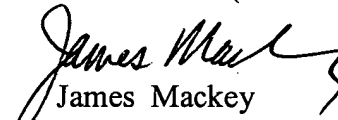
Hehl '140 teaches an injection molding machine comprising a stationary platen 1 including oil cylinders having tube portions secured to a first side thereof, a movable platen 4 having output rods 3 of the oil cylinders connected thereto, the output rods passing through the second side of the stationary platen and secured to pistons 2 at a first side of the piston, and further including subsidiary projecting rods 9 connected to the second sides of the pistons and passing through end caps of the tube portions of the oil cylinders (see especially Figures 2 and 17), wherein the output rods have substantially the same diameter as the subsidiary projecting rods.

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7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to James Mackey whose telephone number is 571-272-1135. The examiner can normally be reached on M-F, 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duane Smith can be reached on 571-272-1166. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


James Mackey
Primary Examiner
Art Unit 1722

8/22/05

jpm
August 22, 2005